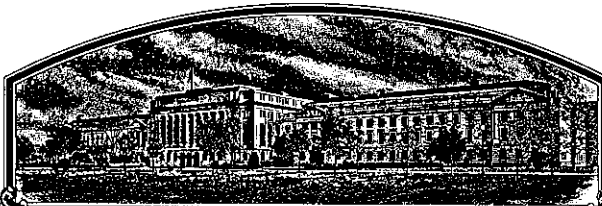


No.

8300021



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

Koninklijk Kweekbedrijf en Zaadhandel
D. J. van der Have B. V.

Whereas, THERE HAS BEEN PRESENTED TO THE
Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF *eighteen* YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT (U.S.C. 342, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

Chewings Red Fescue

'Magenta'



Attest:

Kenneth H. ...
Commissioner

Plant Variety Protection Office
Agricultural Marketing Service

In Testimony Whereof, I have hereunto set
my hand and caused the seal of the Plant
Variety Protection Office to be affixed
at the City of Washington
this 28th day of September in
the year of our Lord one thousand nine
hundred and eighty-four.

John R. Block
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
LIVESTOCK, MEAT, GRAIN & SEED DIVISION

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions on reverse)

FORM APPROVED: OMB NO.0581-0055

No certificate for plant variety protection may be issued unless a completed application form has been received (5 U.S.C. 553).

1. NAME OF APPLICANT(S) Koninklijk Kweekbedrijf en Zaadhandel D.J. van der Have B.V.		2. TEMPORARY DESIGNATION HF 30	3. VARIETY NAME M A G E N T A
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) P.O. Box 1 4420 AA Kapelle - Netherlands		5. PHONE (Include area code) 1135-1254	FOR OFFICIAL USE ONLY PVPO NUMBER 8300021
6. GENUS AND SPECIES NAME Festuca rubra var. commutata	7. FAMILY NAME (Botanical) -		FILING DATE 12/16/82 TIME 11:30 <input checked="" type="checkbox"/> A.M. <input type="checkbox"/> P.M.
8. KIND NAME Chewings red fescue	9. DATE OF DETERMINATION 1976		FEE RECEIVED AMOUNT FOR FILING \$ 1,000 DATE 12/16/82 AMOUNT FOR CERTIFICATE \$ 500.00 DATE 7/25/84
10. IF THE APPLICANT NAMED IS NOT A "PERSON," GIVE FORM OF ORGANIZATION (Corporation, partnership, association, etc.) Corporation			12. DATE OF INCORPORATION 8th March 1973
11. IF INCORPORATED, GIVE STATE OF INCORPORATION the Netherlands.			

13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS

Mr. Stan Rollin
6802 Orem Drive
Laurel Maryland 20707

14. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED

- a. ☒ Exhibit A, Origin and Breeding History of the Variety (See Section 52 of the Plant Variety Protection Act.)
b. ☒ Exhibit B, Novelty Statement
c. ☒ Exhibit C, Objective Description of the Variety (Request form from Plant Variety Protection Office.)
d. ☒ Exhibit D, Additional Description of the Variety

15. DOES THE APPLICANT(S) SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act.)
☐ Yes (If "Yes," answer items 16 and 17 below) ☒ No

16. DOES THE APPLICANT(S) SPECIFY THAT THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☒ Yes ☐ No

17. IF "YES" TO ITEM 16, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
☐ Foundation ☐ Registered ☒ Certified

18. DID THE APPLICANT(S) FILE FOR PROTECTION OF THE VARIETY IN THE U.S. OR OTHER COUNTRIES?

Netherlands 78-11-16

☒ Yes (If "Yes," give names of countries and dates)
☐ No

19. HAVE RIGHTS BEEN GRANTED IN THE U.S. OR OTHER COUNTRIES?

Netherlands 82-10-6

☒ Yes (If "Yes," give names of countries and dates)
☐ No

20. The applicant(s) declare(s) that a viable sample of basic seeds of this variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable.

The undersigned applicant(s) is (are) the owner(s) of this sexually reproduced novel plant variety, and believe(s) that the variety is distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT

Ir. D.J. Glas

DATE

1982-11-8

SIGNATURE OF APPLICANT

DATE

Exhibit A. Origin and Breeding History of the Variety.

In 1969 seed of red fescue plants was collected in Limburg (south-east of the Netherlands). About 100 ecotypes were collected.

Plants were raised from this seed and planted as spaced plants. Experimental varieties were developed out of this material by putting together attractive and matching plants.

Syn-1 seed of the experimental varieties was produced in 1972. The experimental varieties were tested in various turf trials and in a seed yield trial. HF 30 emerged as a variety with a good turf quality and a high seed productivity.

In view of the favourable characteristics of HF 30 it was decided to multiply the variety further: Syn-2 seed was harvested in 1974.

Syn-1 and Syn-2 seed of HF 30 were compared as spaced plants in 1975 and 1976. No genetic shift had occurred during multiplication. No variants were observed in 2 generations of reproduction and the variety proved to be stable during 2 generations of reproduction.

In 1976 it was decided to produce enough breeder's seed of the anticipated need of the next 10 years and to release HF 30 under the varietal name Magenta.

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Exhibit B. Novelty Statement.

Magenta most closely resembles ~~Highlight~~ ^{and Jamestown, Jr} but differs from ~~it~~ ^{Highlight} in the following characteristics: SR
12/14/82

- Maturity

Magenta is 9 days later than Highlight. This difference was significant at $P=0.01$ in 1980, 1981 and 1982.

- Width of flag leaf.

The width of the flag leaf of Magenta was 0.5 mm wider than that of Highlight. This difference was significant at $P = 0.01$ in 1980, 1981 and 1982.

- Length of flag leaf.

The length of the flag leaf of Magenta was 10 mm longer than that of Highlight. This difference was significant at $P = 0.01$ in 1980.

- Plant height.

The plant height of Magenta was 16 cm taller than that of Highlight. This difference was significant at $P = 0.01$ in 1980, 1981 and 1982.

- Length of panicle.

The length of the panicle of Magenta was 22 mm longer than that of Highlight. This difference was significant in 1980, 1981 and 1982.

- Length of upper internode.

The length of the upper internode of Magenta was 7 cm longer than that of Highlight. This difference was significant in 1980, 1981 and 1982.

Magenta ~~most closely resembles Jamestown~~ but differs from ~~it~~ ^{Jamestown} in the following characteristics: SR
12/14/82

- Length of upper internode.

The length of the upper internode of Magenta was 8 cm longer than that of Jamestown. This difference was significant in 1980, 1981 and 1982.

Statistical data.

Data provided by RIVRO/Wageningen. Measured on 60 new plants each year.

Maturity (number of days after of 31st March).

Year	Replicate	Magenta	Highlight	Jamestown	LSD 0.01
1980	I	42	33	44	2.5
	II	42	32	45	
	III	42	29	43	
	mean	42	31	44	
1981	I	40	31	40	3.0
	II	39	29	41	
	III	39	28	41	
	mean	39	29	41	
1982	I	42	38	45	3.4
	II	44	38	47	
	III	43	36	46	
	mean	43	37	46	

U.S. DEPARTMENT OF AGRICULTURE
 AGRICULTURAL MARKETING SERVICE
 LIVESTOCK, MEAT, GRAIN & SEED DIVISION
 PLANT VARIETY PROTECTION OFFICE
 BELTSVILLE, MARYLAND 20705

EXHIBIT C
 (Fine Leaved Fescues)

OBJECTIVE DESCRIPTION OF VARIETY
 FINE LEAVED FESCUES

(*Festuca spp.*)

NAME OF APPLICANT(S) Koninklijk Kweekbedrijf D.J. van der HAVE B.V.	TEMPORARY DESIGNATION HF 30	VARIETY NAME Magenta
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) P.O. Box 1 4420 AA Kapelle. Netherlands		FOR OFFICIAL USE ONLY PVPO NUMBER 8300021

Place the appropriate number that describes the varietal character of this variety in the boxes below. Use leading zeroes when necessary (e.g., or). Characteristics described including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors; designate system used: RIVRO System

Describe location of test area, conditions and number of plants used: Netherlands, 60 plants each year during 3 consecutive years.

1. SPECIES: (With comparison varieties for use below - use varieties within species of application variety)

<input type="text" value="1"/>	1 = <i>F. rubra</i> ssp. <i>commutata</i> (Chewings)	11 = Cascade	12 = Highlight	13 = Jamestown
	2 = <i>F. rubra</i> ssp. <i>litoralis</i> (Creeping Red)	14 = Banner	15 = Barfalla	23 = Merlin
	3 = <i>F. rubra</i> ssp. <i>rubra</i> (Spreading Red)	21 = Dawson	22 = Starlight	33 = Fortress
	4 = <i>F. ovina</i> (Sheep)	24 = Pennlawn	32 = Ruby	
	5 = <i>F. longifolia</i> (Hard)	31 = Boreal	34 = Ensylva	
	6 = <i>F. tenuifolia</i> (Fine-Leaved Sheep)	41 = Covar		
	7 = Other (Specify) <i>F.</i> _____	51 = Durar	52 = Biljart (C-26)	53 = Scaldis
		61 = Panda	62 = Barok	

2. CYTOLOGY:

<input type="text" value="4"/> <input type="text" value="2"/>	Chromosome Number	<input type="text" value="3"/>	Ploidy	1 = diploid	2 = tetraploid	3 = hexaploid
				4 = octoploid		

3. ADAPTATION: (0 = Not Tested; 1 = Not Adapted; 2 = Adapted)

<input type="text" value="2"/>	Northeast	<input type="text" value="2"/>	Southeast	<input type="text" value="2"/>	North Central	<input type="text" value="2"/>	Pacific N.W.	<input type="text"/>	Other (Specify) _____
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4. MATURITY: Date First Headed (panicle emergence) Location(s) of Trial(s) _____

<input type="text" value="5"/>	Maturity Class:		
	1 = Very Early (Covar)	2 = Early (Highlight)	3 = Medium Early (Boreal, Dawson)
	4 = Medium Late (Cascade, Ruby)	5 = Late (Jamestown, Agram)	6 = Very Late

Date Headed _____	
<input type="text" value="3"/>	Days earlier than <input type="text" value="1"/> <input type="text" value="3"/>
	Maturity same as <input type="text" value="1"/> <input type="text" value="3"/>
<input type="text" value="9"/>	Days later than <input type="text" value="1"/> <input type="text" value="2"/>

Comparison Variety

5. PLANT HEIGHT: (At maturity; to top of panicle; Average of 10 tallest culms)

<input type="text" value="9"/> <input type="text" value="2"/> <input type="text" value="0"/>	mm height	
<input type="text" value="1"/> <input type="text" value="6"/> <input type="text" value="0"/>	mm shorter than <input type="text" value="1"/> <input type="text" value="2"/>	
	Height same as <input type="text" value="1"/> <input type="text" value="2"/>	
	mm taller than <input type="text" value="1"/> <input type="text" value="2"/>	

Comparison Variety

6. GROWTH HABIT: (Mature)

<input type="text" value="2"/>	1 = Erect (Ruby)	2 = Semi-erect (Highlight)	3 = Prostrate (Silvana)
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7. RHIZOMES:

<input type="text" value="1"/>	mm Length	<input type="text" value="1"/> <input type="text" value="1"/>	mm Width	<input type="text" value="1"/> <input type="text" value="1"/>	mm Internode length
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<input type="text" value="1"/>	1 = Absent (Highlight)	2 = Weakly Creeping (Dawson)	3 = Strongly Creeping (Boreal)
	4 = Very Strongly Creeping (Fortress)		

8. LEAF BLADE:

☐ 4 Color: 1 = Light Green (Starlight) 2 = Medium Light Green (Highlight) 3 = Medium Dark Green (Ruby, Agram)
 4 = Dark Green (Jamestown, Manoir) 5 = Bluegreen (Saphir) 6 = Graygreen (Scaldis)
 7 = Other (Specify) _____

☐ 1 Glaucosity (Sowing Year): 1 = Absent (Koket) 2 = Present (Vendome)

☐ Anthocyanin: 1 = Absent 2 = Present ☐ Hairs (Basal) 1 = Absent 2 = Present

☐ Margins: 1 = Smooth 2 = Semi-rough 3 = Rough

☐ 1 Margin folding (closure): 1 = Rolled inward (closed-Highlight) 2 = Flat (open-Jamestown, Engina)

☐ 2 Width class:
 1 = Very Fine (Agram, Frida) 2 = Fine (Jamestown, Highlight, Banner, Dawson)
 3 = Medium Fine (Fortress, Ruby, Scaldis) 4 = Medium Coarse (Engina)

☐ 1 ☐ 0 ☐ 1 mm Length (flag leaf)

☐ 5 mm Shorter than ☐ 1 ☐ 3 } Comparison Variety

Blade length same as ☐ ☐ }

☐ 1 ☐ 0 mm Longer than ☐ 1 ☐ 2 }

☐ 2 ☐ 1 mm Width (flag leaf)

☐ 0 ☐ 1 mm Narrower than ☐ 1 ☐ 3 } Comparison Variety

Blade width same as ☐ ☐ }

☐ 0 ☐ 5 mm Wider than ☐ 1 ☐ 2 }

9. LEAF SHEATH:

☐ 2 Anthocyanin (seedling): 1 = Absent (Highlight) 2 = Present (Jamestown, Fortress, Marga)

☐ Auricle Hairiness: 1 = Absent 2 = Present

☐ Margins: 1 = Open (Highlight) 2 = Closed (Jamestown)

10. PANICLE (Mature plant):

☐ Shape: 1 = Narrow-tapering 2 = Ovate 3 = Oblong 4 = Other (Specify) _____

☐ Type: 1 = Open 2 = Intermediate 3 = Compact

☐ Orientation: 1 = Erect 2 = Nodding

☐ Branch Pubescence: 1 = Glabrous 2 = Pubescent

☐ Anther Color: 1 = Yellowish Green 2 = Green 3 = Bluish Green 4 = Purplish

☐ Glume Color (At 50% flowering): 5 = Reddish 6 = Other (Specify) _____

☐ 1 ☐ 1 ☐ 5 mm Length

☐ 2 mm Shorter than ☐ 1 ☐ 3 } Comparison Variety

Panicle length same as ☐ ☐ }

☐ 2 ☐ 2 mm Longer than ☐ 1 ☐ 2 }

11. PALEA:

☐ Hairs (On keels or margins): 1 = Absent (Banner) 2 = Short (Agram, Scaldis, Olds)
 3 = Long (Rainier, Fortress, Jamestown)

12. LEMMA (Mature):

<input type="checkbox"/>	Hairs:	1 = Absent (Jamestown)	2 = Several	3 = Many (Highlight)
<input type="checkbox"/>				
<input type="checkbox"/>	mm Lemma Length			
<input type="checkbox"/>	mm Shorter than	<input type="checkbox"/>	<input type="checkbox"/>	Comparison Variety
<input type="checkbox"/>	Lemma length same as	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	mm Longer than	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	mm Lemma Width			
<input type="checkbox"/>	mm Narrower than	<input type="checkbox"/>	<input type="checkbox"/>	Comparison Variety
<input type="checkbox"/>	Lemma width same as	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	mm Wider than	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	Awns:	1 = Absent	2 = Present	
<input type="checkbox"/>	mm Awn Length			
<input type="checkbox"/>	mm Shorter than	<input type="checkbox"/>	<input type="checkbox"/>	Comparison Variety
<input type="checkbox"/>	Awn length same as	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	mm Longer than	<input type="checkbox"/>	<input type="checkbox"/>	

13. SEED (With lemma & palea):

<input type="checkbox"/>	Size Class (g/1000 seed):	
<input type="checkbox"/>	1 = < .9g (Biljart, Dawson)	2 = .9 - < 1.1g (Jamestown, Highlight)
<input type="checkbox"/>	3 = 1.1 - 1.3g (Fortress, Novorubra)	4 = > 1.3g (Boreal, Golfrood)
<input type="checkbox"/>	mg per 1000 seed	
<input type="checkbox"/>	mg per 1000 seed less than	<input type="checkbox"/>
<input type="checkbox"/>	Seed Weight same as	<input type="checkbox"/>
<input type="checkbox"/>	mg per 1000 more than	<input type="checkbox"/>

14. DISEASE, INSECT, AND NEMATODE REACTION (0 = Not Tested, 1 = Susceptible, 2 = Resistant):

<input type="checkbox"/>	Melting-out <i>Drechslera poae</i> (<i>Helminthosporium vagans</i>)	<input type="checkbox"/>	Stripe rust <i>P. striiformis</i>
<input type="checkbox"/>	Leaf spot <i>D. siccans</i>	<input type="checkbox"/>	Leaf rust <i>P. poae-nemoralis</i>
<input type="checkbox"/>	Net blotch <i>D. dictyoides</i>	<input type="checkbox"/>	<i>P. crandallii</i>
<input type="checkbox"/>	Leaf spot <i>Bipolaris sorokiniana</i>	<input type="checkbox"/>	Pythium Blight <i>Pythium ultimum</i>
<input type="checkbox"/>	Brown patch <i>Rhizoctonia solani</i>	<input type="checkbox"/>	Red thread <i>Corticium fusciforme</i>
<input type="checkbox"/>	Powdery mildew <i>Erysiphe graminis</i>	<input type="checkbox"/>	Dollar spot <i>Sclerotinia homoeocarpa</i>
<input type="checkbox"/>	Stripe smut <i>Ustilago striiformis</i>	<input type="checkbox"/>	Insect _____
<input type="checkbox"/>	F. Patch, Pink snow-mold <i>Fusarium nivale</i>	<input type="checkbox"/>	Nematode _____
<input type="checkbox"/>	Fusarium blight <i>F. tricinctum</i> , <i>F. roseum</i>	<input type="checkbox"/>	Other _____
<input type="checkbox"/>	Gray snow mold <i>Typhula lotana</i>	<input type="checkbox"/>	Other _____
<input type="checkbox"/>	Stem rust <i>Puccinia graminis</i>	<input type="checkbox"/>	Other _____

15. GIVE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY. For the following characteristics indicate Degree of Resemblance by placing the column marked, D.R., one of the following numbers:

1 = Application variety is less than comparison variety.

2 = Same As

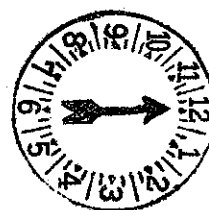
3 = More than, better, greater, darker, more disease resistant, etc.

CHARACTER	VARIETY	D.R.	CHARACTER	VARIETY	D.R.
Rhizome Length			Growth Habit	Jamestown	2
Leaf Width	Highlight	3	Leaf Color	Jamestown	2
Panicle Color			Panicle Shape		
Winter Color			Cold Injury		
Shade Tolerance			Heat		
Drought			Disease*		

* Specify each disease evaluated.

16. ADDITIONAL DESCRIPTION: (Use additional sheets as required)

Describe all characteristics that cannot be adequately described in the form above in Exhibit D. Comparative varieties should be used as may be appropriate, such as for disease. Append all comparative trial and evaluation data, including measured characters, environmental, and disease tests.



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Year	Replicate	Magenta	Highlight	Jamestown	LSD 0.01
1980	I	87	85	85	10.2
	II	87	71	74	
	III	98	65	88	
	mean	90	73	82	
1981	I	92	73	85	5.3
	II	90	76	87	
	III	88	71	79	
	mean	90	73	84	
1982	I	99	79	86	5.7
	II	93	81	90	
	III	92	87	89	
	mean	95	82	88	
Length of panicle (mm)					
1980	I	126	98	110	13.9
	II	94	95	115	
	III	129	106	113	
	mean	116	100	113	
1981	I	108	76	121	10.6
	II	107	83	117	
	III	115	91	120	
	mean	110	83	120	
1982	I	113	97	108	12.1
	II	122	97	118	
	III	123	96	130	
	mean	120	97	119	
Length of upper internode (cm)					
1980	I	45	45	38	6.5
	II	42	34	35	
	III	52	35	38	
	mean	46	38	37	
1981	I	52	41	42	4.7
	II	50	45	41	
	III	49	42	43	
	mean	50	42	42	
1982	I	52	42	42	4.2
	II	52	44	43	
	III	52	50	46	
	mean	52	45	44	

Width of flag leaf (mm)

Year	Replicate	Magenta	Highlight	Jamestown	LSD 0.01
1980	I	2.1	1.9	1.9	0.23
	II	2.1	1.7	1.7	
	III	2.1	1.6	2.0	
	mean	2.1	1.7	1.8	
1981	I	2.5	1.5	2.0	0.48
	II	1.7	1.4	2.2	
	III	2.2	1.4	2.2	
	mean	2.1	1.4	2.2	
1982	I	2.0	1.7	1.8	0.21
	II	2.0	1.7	2.0	
	III	2.2	1.5	2.2	
	mean	2.1	1.6	2.0	
Length of flag leaf (mm)					
1980	I	118	91	116	13.9
	II	117	102	108	
	III	114	103	111	
	mean	116	99	112	
1982	I	96	89	108	15.0
	II	106	95	108	
	III	100	95	107	
	mean	100	93	108	
1982	I	87	83	85	11.8
	II	82	77	103	
	III	94	79	106	
	mean	87	80	98	

Exhibit D. Additional Description of the Variety.

8300021

Number of panicles /m² (mean of 3 replicates).

	Seeding time I (81/7/6)	Seeding time II (81/7/20)	Seeding time III (81/8/15)	Mean
Magenta	6492	6052	3306	5283
Highlight	6333	5200	2400	4644

Magenta has a higher number of panicles per m² than Highlight. In spite of the late sowing of Seeding time III, Magenta still produces a high number of panicles. The juvenile stage of Magenta is shorter than that of Highlight.